

## IN THE CLAIMS

1. (currently amended) A circuit interrupting device comprising:

a housing;

a pair of line terminals disposed at least partially within said housing and capable of being electrically connected to a source of electricity;

a pair of load terminals disposed at least partially within said housing and capable of conducting electrical current to a load when electrically connected to said line terminals;

at least one pair of face terminals capable of being electrically connected to user accessible plugs and/or receptacles where the pair of line terminals, the pair of load terminals and the pair of face terminals are electrically isolated from each other;

a pair of electrical conductors for electrically connecting the line terminals to the load terminals and for connecting the line terminals to the face terminals;

a circuit interrupting portion disposed within said housing, said circuit interrupting portion comprising a coil and movable plunger assembly, ~~a biased mechanical switch assembly~~ and a latch and lifter assembly where said latch ~~having~~ has ~~a~~ an ~~circular~~ opening ~~and where a portion of the latch having the opening is springingly and slidably coupled to~~ mounted underneath said lifter which also has ~~an~~ a ~~circular~~ opening, the latch and lifter assembly positioned to engage the pair of electrical conductors, the movable plunger being positioned to engage the latch and the lifter being positioned to engage the mechanical switch for engaging a sensing circuit used to detect a predetermined condition and said lifter is also positioned to engage the pair of electrical

conductors for connecting the line terminals to the load terminals such that upon the occurrence of a predetermined condition the coil is energized activating the plunger which engages one end of the latch causing the lifter to disengage from the pair of electrical conductors disconnecting the line terminals from the load terminals and disconnecting the line terminals from the face terminals;

a reset portion comprising a reset button and a biased mechanical switch assembly, the reset button is attached to a reset pin where said reset button and reset pin are mechanically biased, said reset pin having a circular flange extending from its end portion, said flange positioned to interfere with the latch when the opening of the latch is not aligned with the opening of the lifter, ~~and said flange and end portion extend through the openings of the latch and lifter when said latch plate is engaged by the movable plunger aligning the opening of the latch with the opening of the lifter and a recoil action by the latch causing a misalignment of the openings trapping the end portion and flange underneath the latch allowing the biasing of the reset pin and reset button to cause the flange to engage the lifter which engages the movable bridges causing the line terminals to be electrically connected to the load terminals-~~ the lifter positioned to activate the biased mechanical switch causing the coil to energize activating the movable plunger to engage the one end of the latch causing the latch opening to align with the lifter opening allowing the flange portion of the reset pin to extend through the aligned openings to engage the latch lifter assembly which engages the electrical conductors causing the line terminals to electrically connect to the load terminals and face terminals thus resetting the device.

2. (currently amended) The circuit interrupting device of claim 1 where the predetermined condition comprises a ground fault, an arc fault, an appliance leakage fault, equipment leakage fault or an immersion detection fault.

3. (currently amended) The circuit interrupting device of claim 1 further comprising a trip portion configured to cause electrical discontinuity between the line and load and face terminals where said trip portion comprises a trip button having an angled end for engaging another end of the latch causing the opening of the latch to align with the opening of the lifter allowing the reset pin to disengage the lifter causing the line, and load and face terminals to be disconnected from each other.

4. (currently amended) The circuit interrupting device of claim 1 ~~further comprising a pair of face terminals electrically connected to a pair of user accessible receptacles~~ where each face terminals extends from and is integral with a metallic structure disposed within said housing.

5. (canceled)

6. (canceled)

7. (original) The circuit interrupting device of claim 1 further comprising a sensing circuit for detecting the occurrence of the predetermined condition.

8. (currently amended) A circuit interrupting device comprising:

a first electrical conductor;

a second electrical conductor;

a third electrical conductors- where the first, second and third electrical conductors are electrically isolated from each other; and

a movable bridge electrically connected to the first electrical conductor,  
said movable bridge capable of electrically connecting the first, second and third  
electrical conductors to each other ~~and~~ or disconnecting said first, second and third  
electrical conductors from each other upon the occurrence of a predetermined condition;  
~~and~~

~~a reset portion configured to reestablish electrical continuity between the first,  
second and third electrical conductors after said predetermined condition occurs.~~

9. (original) The circuit interrupting device of claim 8 further comprising  
a circuit interrupting portion for causing electrical discontinuity between the first, second  
and third electrical conductors upon the occurrence of a predetermined condition.

10. (original) The circuit interrupting device of claim 8 further comprising  
a reset lockout mechanism that prevents the reestablishment of electrical continuity  
between said first, second and third electrical conductors when said device is non-  
operational.

11. (currently amended) A system comprising:  
a circuit interrupting device having  
a first electrical conductor;  
a second electrical conductor;  
a third electrical conductors- where the first, second and  
third electrical conductors are electrically isolated from each other ;

a movable bridge electrically connected to the first  
electrical conductor, said movable bridge capable of electrically connecting the first,  
second and third electrical conductors to each other ~~and~~ or disconnecting said first,

second and third electrical conductors from each other upon the occurrence of a predetermined condition;

~~a reset portion configured to reestablish electrical continuity between the first, second and third electrical conductors after said predetermined condition occurs; and~~

at least one electrical device electrically connected to the circuit interrupting device forming a circuit.

12. (original) The system of claim 11 where the circuit interrupting device is a GFCI.